



JC02 Rec'd PCT/PTO 22 AUG 2005

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Shouichi ARAKI et al. : Docket No. 2005\_0801A  
Serial No. 10/535,195 :  
Filed May 17, 2005 :  
ATTENDANT CIRCUMSTANCE : THE COMMISSIONER IS AUTHORIZED  
UTILIZATION DEVICE : TO CHARGE ANY DEFICIENCY IN THE  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and  
the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or  
b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a Preliminary Notice of Ground for Rejection submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

U.S. Patent Publication No. 2002/0078447 corresponds to JP 2002-185881;  
U.S. Patent Publication No. 2002/0129361 corresponds to JP 2002-269457;  
U.S. Patent Nos. 5,970,486, 6,430,560 and U.S. Patent Publication Nos. 2002/0184205 and 2005/0165769 correspond to JP 10-162025.

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Shouichi ARAKI et al.

By 

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August 22, 2005

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2005\_0801ASERIAL NO.  
10/535,195U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

AUG 22 2005

APPLICANT  
Shouichi ARAKI et al.FILING DATE  
May 17, 2005

GROUP

Date Submitted to PTO: August 22, 2005

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,970,486	10/1999	Yoshida et al.			
	AB	6,430,560	8/2002	Yoshida et al.			
	AC	2002/0184205	12/2002	Yoshida et al.			
	AD	2005/0165769	7/2005	Yoshida et al.			
	AE	2002/0129361	9/2002	Arita et al.			
	AF	2002/0078447	6/2002	Mizutome et al.			
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ	01/99410	12/2001	WO				
	AK	2002-185881	6/2002	JP			Abstract	
	AL	2002-269457	6/2002	JP			Abstract	
	AM	2002-288135	10/2002	JP			Abstract	
	AN	10-162025	6/1998	JP			Abstract	
	AO	2002-300518	10/2002	JP			Abstract	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.